

Healthcare Information

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Population

Trends
Age
Race/Ethnicity
Projection

Education

Attainment

Employment

Major Employment Sectors
Unemployment

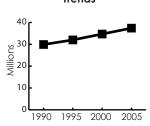
Solono County Demographics



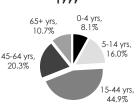


California

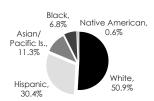
Population **Trends**



Age 1999

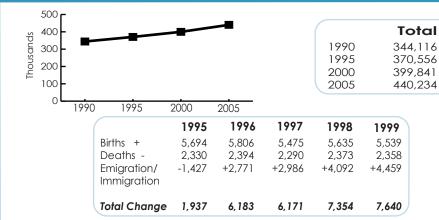


Race/Ethnicity 1999



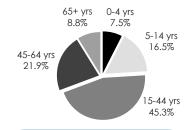
POPULATION

County Trends

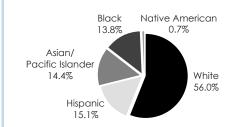


Age 1999

Race/Ethnicity 1999



Age	Number
0-4 yrs	29,438
5-14 yrs	64,780
15-44 yrs	177,619
45-64 yrs	85,788
65+ yrs	34,576
Total	392,201



Race	Number
White	219,797
Hispanic	59,036
Asian/Pacific Is.	56,449
Black	54,248
Native American	2,671
Total	392,201

Projection Age Race/Ethnicity

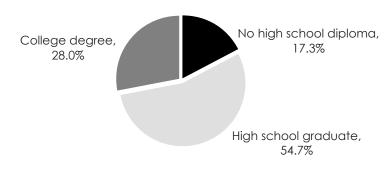


Source: California Department of Finance. Note that the population data from 1998 forward are based on projections.

emographics

Education

Educational Attainment (based on 1990 census)



Employment Sectors



Production, 17.3% Service Industry,

25.0%

Major Employment Sectors		
(1999)	Number	
Government	24,400	
Trade	29,200	
Service Industry	27,900	
Production	19,300	
Other	11,000	
Total	111,800	

Employment Sectors 1999

California

Educational Attainment (based on 1990 Census)

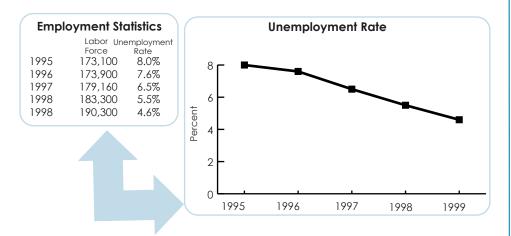
No high school diploma, 23.8%

High school graduate, 44.9%

College degree, 31.3%



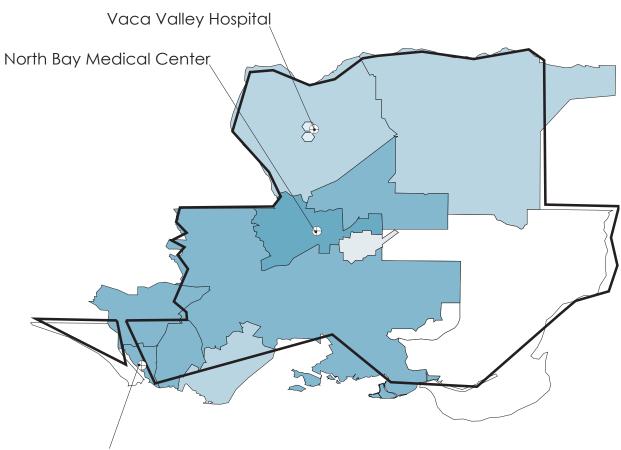
Unemployment



Source: Employment Development Department, Labor Market Information Division

Unemployment Rate 7.5 2.5 0.0 1995 1996 1997 1998 1999

raphic



Kaiser Fdn Hosp - Vallejo Sutter Solano Medical Center

Solano County Line Population byZIPCode

0 -6,999

7,000 - 15,499

15,500 - 27,999

28,000 - 52,999

53,000 +

Hospital Site/ER Level

 \oplus Basic

Demographics



General Acute Care Hospitals

long-term Care facilities

Clinics

Home Health Agencies

Hospices

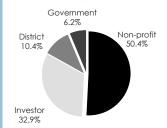
Solano County

Healthcare Resources



- 4 of 6 GAC hospitals in Solano County are nonprofit.
- 1 of 6 GAC hospitals reported a negative net income.
- 4 of 6 GAC hospitals provide emergency services.

California Type of Control, 1999



FINANCIAL & UTILIZATION INFORMATION GENERAL ACUTE CARE HOSPITALS 1999

Income Statement	North Bay Medical Center	Sutter Solano Medical Ctr	Vaca Valley Hospital	
Gross Patient Revenue	\$227,286,832	\$152,503,200	\$94,004,801	
-Deductions from Revenue	158,913,525	104,067,812	64,595,236	
Net Patient Revenue	68,373,307	48,435,388	29,409,565	
+Other Operating Revenue	1,238,445	216,825	77,428	
Total Operating Revenue	69,611,752	48,652,213	29,486,993	
-Operating Expenses	64,239,378	43,535,685	24,250,248	
Net from Operations	5,372,374	5,116,528	5,236,745	
+Non-operating Revenue	2,828,036	462,567	889,256	
-Non-operating Expense	774,790	402,307	14,763	
-Income Taxes	774,770	0	14,763	
	0	0	0	
-Extraordinary Items	Ü	U	Ü	
Net Income	\$7,425,620	\$5,579,095	\$6,111,238	
Per Adjusted Day				
Gross Patient Revenue	\$7,209	\$5,289	\$8,331	
-Deductions from Revenue	5,041	3,609	5,725	
Net Patient Revenue	2,169	1,680	2,606	
+Other Operating Revenue	39	8	7	
Total Operating Revenue	2,208	1,687	2,613	
-Operating Expenses	2,038	1,510	2,149	
Net from Operations	170	177	464	
+Non-operating Revenue	90	16	79	
-Non-operating Expense	25	0	1	
-Income Taxes	0	0	0	
-Extraordinary Items	0	-	0	
Net Income	\$236	\$194	\$542	
Resource Utilization				
Ownership	Non-Profit	Non-Profit	Non-Profit	
Available Beds	132	111	50	
Patient Days	19,936	19,952	6,783	
Discharges	5,259	4,668	1,959	
Occupancy Rate	41.4%	49.2%	37.2%	
Outpatient Visits	88,745	74,448	23,833	
Average Length of Stay	3.4	4.0	3.5	
Emergency Service	Basic	Basic	Basic	
# of ER Stations	7	11	7	
Specialty/Teaching/Rural				

Footnotes:

Per Adjusted Day: This statistic adjusts the number of patient days to compensate for outpatient services.

The financial data on this page reflect disproportionate share payments transferred to a related public entity.

*Excludes data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals.

Note that columns may not add to subtotals due to rounding.

Resources: Acute Care Hospitals

FINANCIAL & UTILIZATION INFORMATION NONCOMPARABLE/PSYCHIATRIC HOSPITALS 1999

Kaiser Fdn Hospital - Vallejo N O t R e P O r t e d	California Specialty Hospital \$13,100,852 7,494,864 5,605,988 96,492 5,702,480 6,025,329 (322,849) 0 0	Telecare Solano PHF N 0 † R e p 0 r † e d	Income Statement Gross Patient Revenue -Deductions from Revenue Net Patient Revenue +Other Operating Revenue -Operating Expenses Net from Operations +Non-operating Revenue -Non-operating Expense -Income Taxes -Extraordinary Items
	(\$322,849)		Net Income
N o t R e p o r t e d	\$1,131 647 484 8 492 520 (28) 0 0 0	Not Reported	Per Adjusted Day Gross Patient Revenue -Deductions from Revenue Net Patient Revenue +Other Operating Revenue Total Operating Revenue -Operating Expenses Net from Operations +Non-operating Revenue -Non-operating Expense -Income Taxes -Extraordinary Items Net Income
Non-Profit 269 67,645 14,884 68.9% 38,649 4.5 Basic 22	Investor 61 10,711 1,412 48.1% 4,902 7.6 None - Specialty	Investor 119 27,251 2,014 62,7% 62,377 13.5 None 1	Resource Utilization Ownership Available Beds Patient Days Discharges Occupancy Rate Outpatient Visits Average Length of Stay Emergency Service # of ER Stations Specialty/Teaching/Rural

Footnotes

Per Adjusted Day: This statistic adjusts the number of patient days to compensate for outpatient services.

The financial data on this page reflect disproportionate share payments transferred to a related public entity.

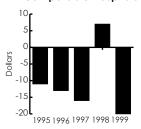
*Excludes data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals.

Note that columns may not add to subtotals due to rounding.

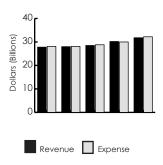


California

Net Income from Operations Comparable Hospitals



Operating Revenue/Expense Comparable Hospitals



Kaiser Foundation Hospitals report data by region. There are 12 locations in the Northern California region and 14 locations in the Southern California region.

Solono County Healthcare Resources

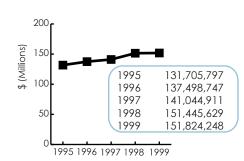
ACUTE CARE HOSPITALS

Net Patient Revenue

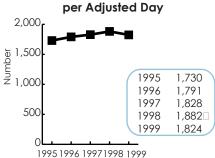
California

Net Patient Revenue per Adjusted Day

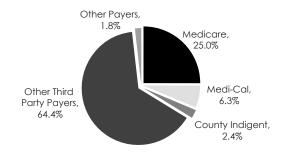
Net Patient Revenue



Net Patient Revenue

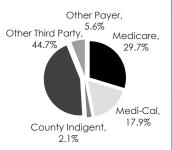


Net Patient Revenue by Payer 1999

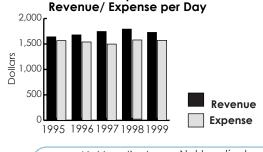


Net Patient Revenue by Payer 1999

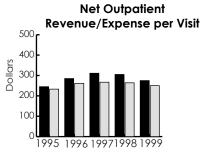
1995 1996 1997 1998 1999



Net Patient Revenue/ Expense



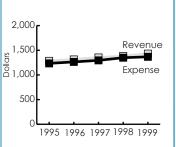
Net Inpatient



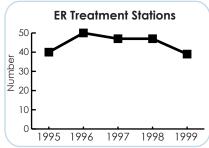
	Net Inpatient	Net Inpatient	Net Outpatient	Net Outpatient
1995	Revenue per Day \$1,640	Expense per Day \$1,566	Revenue per Visit \$245	Expense per Visit \$233
1996	1,678	1,539	285	261
1997	1,745	1,498	311	267
1998	1,792	1,554	305	264
1999	1,727	1,571	275	250

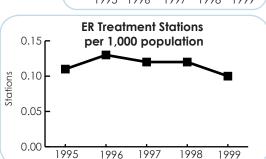
Graphs and tables exclude data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals. Source: OSHPD Annual Hospital Financial Disclosure Reports.

Net Inpatient Revenue/Expense per Day



Emergency Room Services



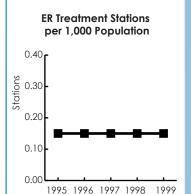


Hospitals with Emergency Services by Type, 1999: Comprehensive: 0

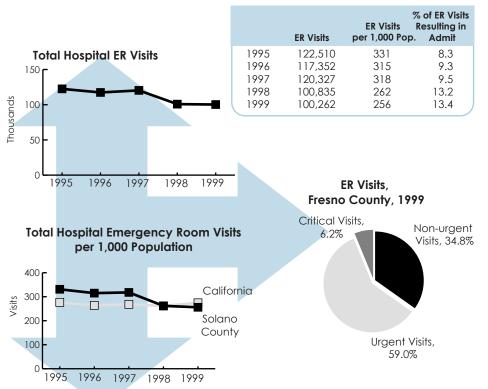
Basic: 4 Standby: 0 Trauma: 0

		EK ireatment
	ER Treatme	nt Stations
	Stations	per 1,000 Pop.
1995	40	0.11
1999	50	0.13
1997	47	0.12
1998	47	0.12
1999	39	0.10
		,

California



Emergency Room Visits



Graphs include data from comparable GAC hospitals plus Kaiser.
Source: California Department of Finance, OSHPD Hospital Utilization database.

Emergency Room Visits 10.0 8.0 4.0 2.0 1995 1996 1997 1998 1999

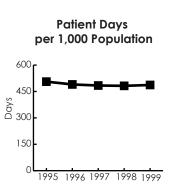
Resources: Acute Care Hospita

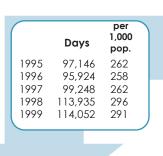
Specific Trends

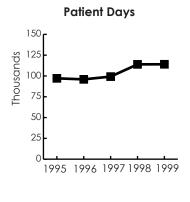
ACUTE CARE HOSPITALS

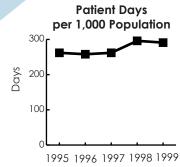
Patient Days

California

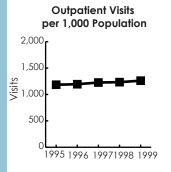


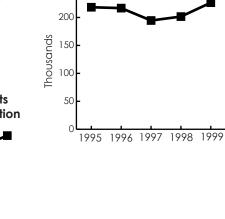






Outpatient Visits





250

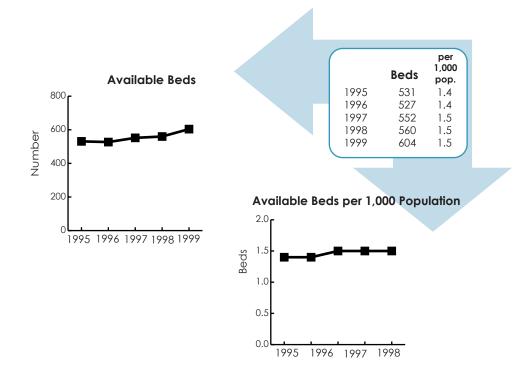
Outpatient Visits

		per 1,000 Population
	600	
	500	
S	400	-
Visits	300	-
	200	-
	100	-
	0	

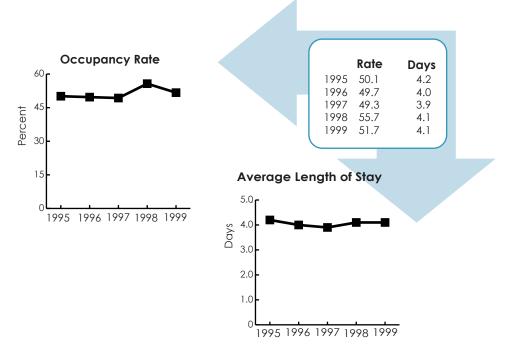
Graphs include data from comparable GAC hospitals plus Kaiser. Source: OSHPD Annual Hospital Financial Disclosure Reports.

Resources: Acute Care Hospitals

Available Beds



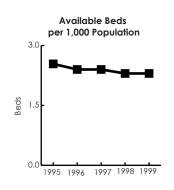
Occupancy Rate

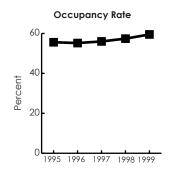


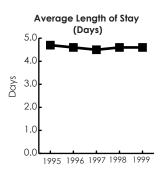
Graphs include data from comparable GAC hospitals plus Kaiser.

Source: OSHPD Annual Hospital Financial Disclosure Reports.

California



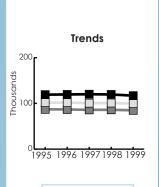




12

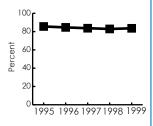


California



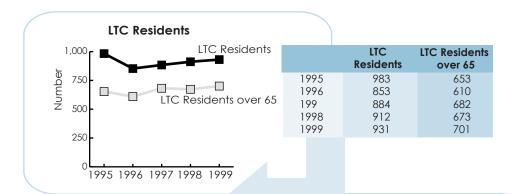


Occupancy Rate

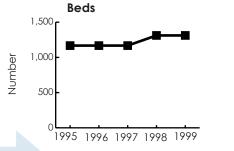


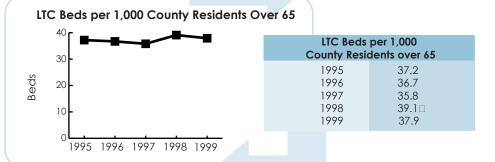
LONG-TERM CARE FACILITIES

County Trends



	1,500 -
Beds	1,000
1995 1,168 1996 1,168 1997 1,168 1998 1,312 1999 1,312	1,000 - Q E Z 500 -
	1995 1007 1007



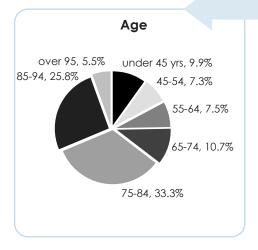


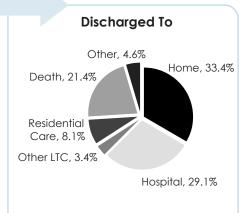
		LTC Occupancy Rate
Occupancy	/ Rate	100 -
1995 1996 1997 1998 1999	81.4 81.1 75.2 74.5 71.0	75 -
		0

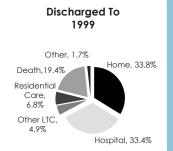
California



Residents 1999

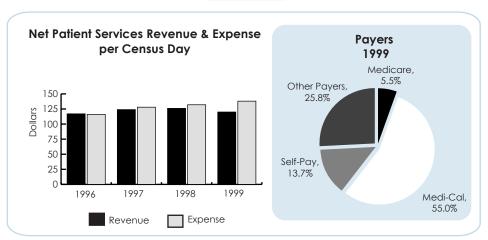






financial Information

	Revenue per Day	Expense per Day
1996	\$117	\$116
1997	124	128
1998	126	132
1999	120	138





Solano County

Healthcare Resources



Community clinics:

- tax-exempt nonprofit organizations
- charges are based on patients' ability to pay

Free clinics:

 community clinics, where patients are not charged for services or medicines.

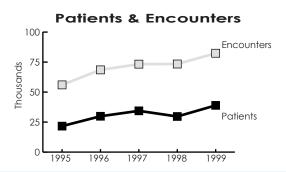
California Clinic Patients Race/Ethnicity 1999

Pacific Islander, 0.4%
Filipino, 1.0%
Native American, 2.1%
Other Non-White, 4.6%
Asian, 5.3%
Black, 6.7%
White, 26.9%

The Poverty Guidelines are issued by the Federal Department of Health and Human Services to estimate the number of persons/families in poverty for determining financial eligibility for Federal programs.

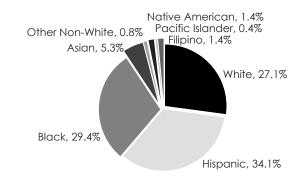
PRIMARY CARE CLINICS

County Trends

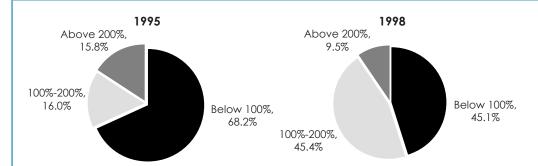


	1995	1996	1997	1998	1999
Patients	29,858	34,374	29,666	38,913	36,764
Encounters	68,510	73,288	73,395	82,374	75,446
# Community	6	6	6	6	5
# Free	0	0	0	0	0

Race/Ethnicity

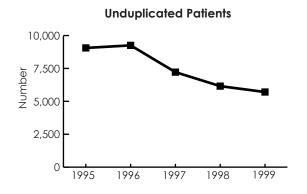


Economic Status (Based on Federal Poverty levels)

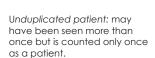


HOME HEALTH AGENCIES

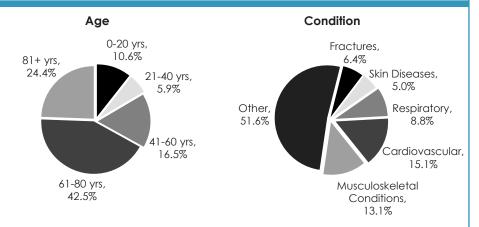
County Trends



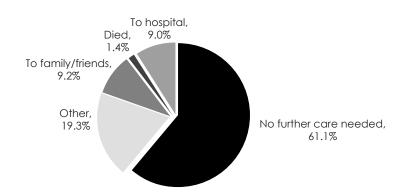
Nu	ımber
1995	9,057
1996	9,252
1997	7,218
1998	6,155
1999	5,708



Palient 1999



Discharged To



Source: OSHPD Home Health Agency Utilization databases.

- Over 67% of patients in home health agency care are over the age of 60.
- There has been a significant decrease in reported home health patients in 1999.

Healthcare Resources

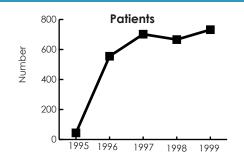


Hospice: palliative care to support a patient in the last phases of life due to the existence of a terminal disease.

- Both the number of hospices and the number of patients have increased in the last four years.
- Over 78% of hospice patients are over the age of 60.

HOSPICES

County Trends

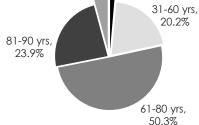




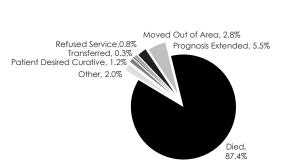
Patients 1999

Age

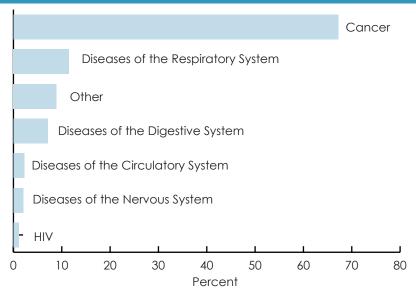
91+ yrs, 0-30 yrs, 4.2% 1.4%



Discharged To



Conditions Requiring Hospice Care 1999



Source: OSHPD Home Health Agency and Hospice Utilization Database.



Inpatient Overview

Trends
Demographics
Admits/Dispositions

Clinical Overview

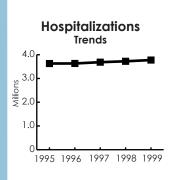
Types of Hospitalizations/Diagnosis
Types of Principal Procedures
Injuries/Types/Types by Age Group

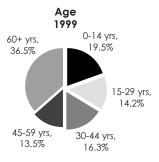
Solano County

Hospitalization Characteristics



California





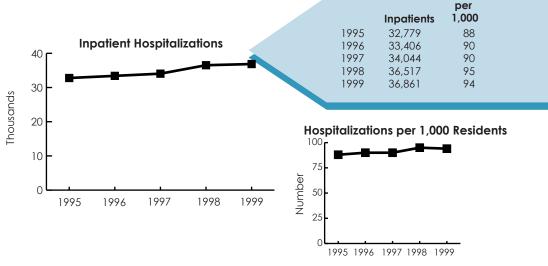
ospitalization Characteristics: Inpatient Overview



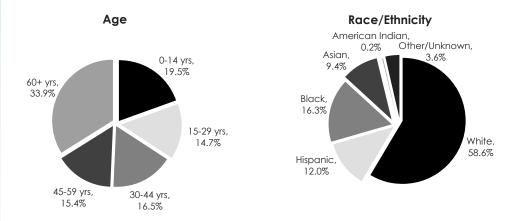
Edition 2, 2001

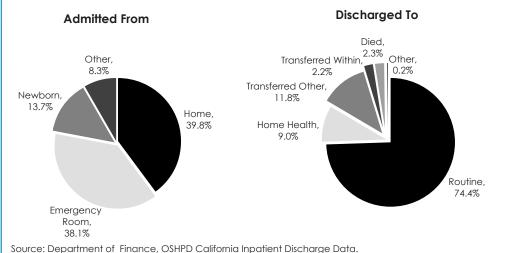
INPATIENT OVERVIEW

County Trends



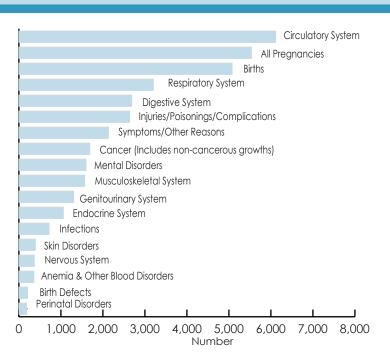
Palients 1999





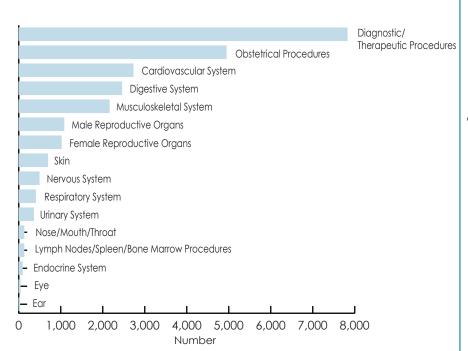
CLINICAL OVERVIEW

Types of Principal Diagnoses



- Pregnancies/births account for 28.8% of hospital discharges in Solano County, and 28.9% of hospital discharges statewide.
- Circulatory, respiratory and digestive disorders account for the top three diagnostic categories of hospital discharges in Solano County, excluding pregnancies and births.

Types of Principal Procedures 1999



- Diagnostic/therapeutic procedures account for 20.2% of inpatient principal procedures performed on Solano County residents and 25% of inpatient principal procedures performed statewide.
- Principal procedures performed for diagnostive/therapeutic, cardiovascular and digestive system disorders are the top three procedure categories for hospital discharges in Solano County, excluding obstetrical procedures.

Source: California Inpatient Discharge Data, OSHPD.

Solano County

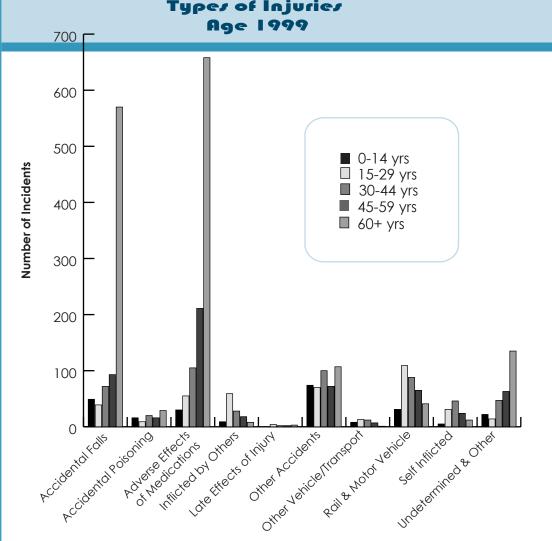
Hospitalization Characteristics



Adverse effects of medications, accidental falls and other accidents are the top three principal cause of injuries of Solano County inpatients.

In Solano County, patients age 60 and over represent 69.3% of discharge records for accidental falls and 62.1% of discharge records for adverse affects of therapeutics.

Types of Injuries 1999 Adverse Effects of Medications Accidental Falls Other Accidents Rail & Motor Vehicle Accidents Undetermined and Other Inflicted by Others Self Inflicted Accidental Poisoning Other Vehicle/Transport Accidents Late Effects of Injury 200 1,000 1,200 400 600 800 Number Types of Injuries Age 1999 700



Source: California Inpatient Discharge Data, OSHPD.



Selected Conditions

Births & Deliveries
High-risk Deliveries
Asthma
Cancer
HIV

Selected Procedures

Cardiac Bypass Mastectomy Prostatectomy

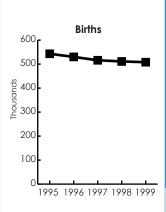
Selected Injuries

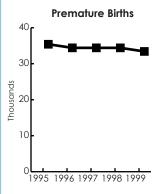
Auto Injuries Drug Poisonings Gunshot Injuries





California





 Fertility rate is calculated by dividing the number of births by the population of females aged 15-44 years, and then dividing by 1,000.

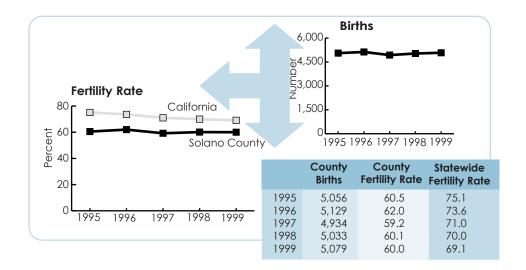
oecific Trends: Births & Deliveries

- 26% of all births to California residents were premature.
- Year 2010 National Health Objectives Goal: Cesarean section births to equal no more than 15.5% of total births.

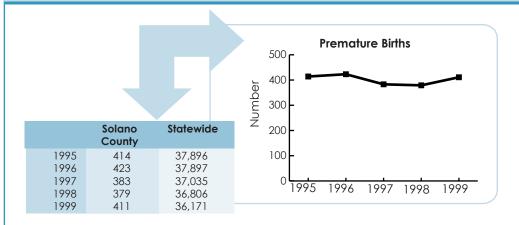
BIRTHS & DELIVERIES

c Trends

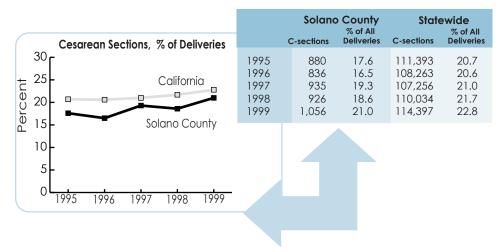
County Trends



Premature Births



Cerarean Section Deliveries



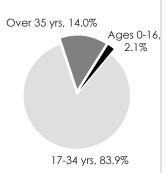
Edition 2, 2001

Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance.

County Trends

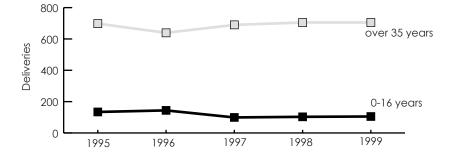
All Deliveries: Mother's Age at Delivery,1999

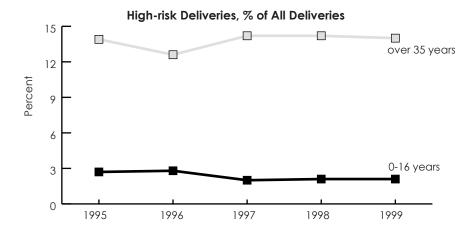
	0-1 Number	6 yrs % of all births	17-34 Number	yrs % of all births	Over 3	% of all births
1995	134	2.7	4,182	83.4	698	13.9
1996	144	2.8	4,270	84.5	639	12.6
1997	99	2.0	4,060	83.7	690	14.2
1998	103	2.1	4,174	83.8	705	14.2
1999	105	2.1	4,224	83.9	705	14.0



High-risk Deliveries

High-risk Deliveries





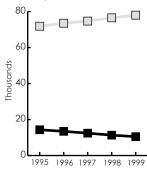
Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



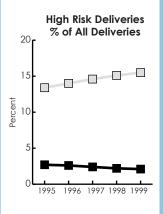
California

 Deliveries by females less than 16 years of age or greater than 35 years of age are considered "high risk."

High Risk Deliveries







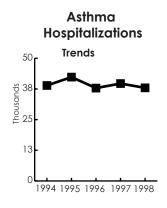
Solano County

Specific Trends





California

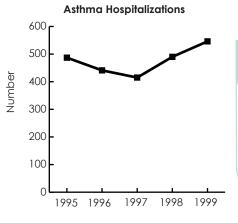


	adjusted Rate er 1,000 Pop.
1994	1.18
1995	1.28
1996	1.13
1997	1.17
1998	1.10
1	

ASTHMA

(based on principal diagnosis)

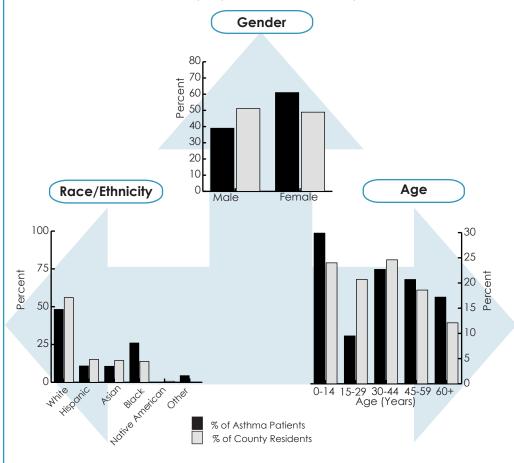
County Trends



	Hospitalizations Solano County	Age-adjusted Rate per 1,000 Pop.
1995	487	1.30
1996	441	1.20
1997	415	1.10
1998	490	1.30
1999	546	1.43

Patients 1999

Percent of County Asthma Patients Compared to the Percent of Total County Population for Each Group

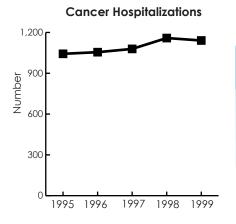


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

CANCER

(based on principal diagnosis)

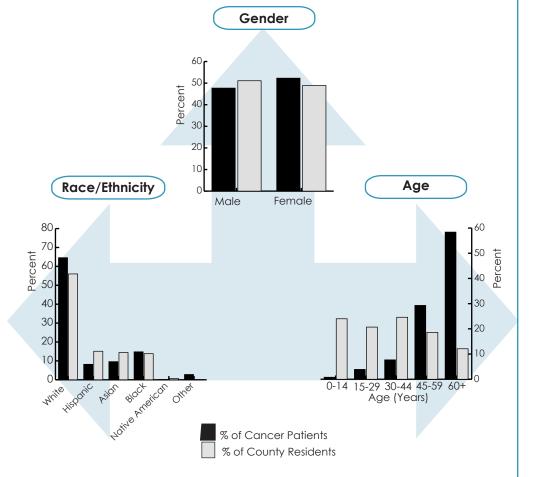
County Trends



	italizations no County	Age-adjusted Rate per 1,000 Pop.
1995	1,043	3.62
1996	1,055	3.61
1997	1,079	3.57
1998	1,159	3.71
1999	1,141	3.52

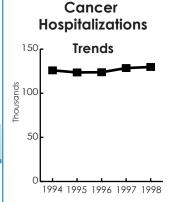
Patients 1999

Percent of County Cancer Patients Compared to the Percent of Total County Population for Each Group





California



	Age-adjusted Rate per 1,000 Pop.
1994	3.31
1995	3.18
1996	3.13
1997	3.18
1998	3.14

Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

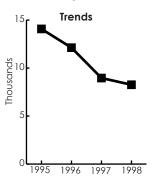
Specific Trends





California

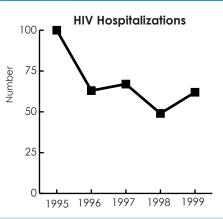
HIV Hospitalizations



А	ge-adjusted Rate per 1,000 Pop.
1995	0.45
1996	0.39
1997	0.28
1998	0.26

(based on principal diagnosis)

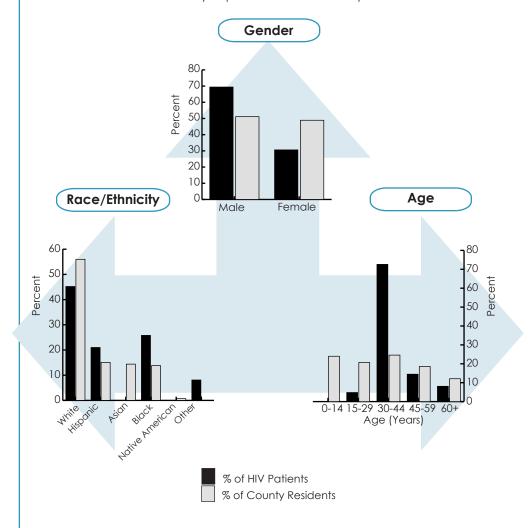
County Trends



	Hospitalizations Solano County	Age-adjusted Rate per 1,000 Pop.
1995	100	0.26
1996	63	0.17
1997	67	0.18
1998	49	0.12
1999	62	0.16
1///	02	0.10

Patients 1999

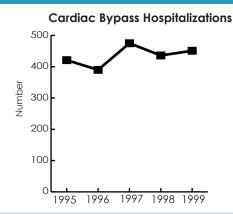
Percent of County HIV Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

CARDIAC BYPASS (based on principal procedure)

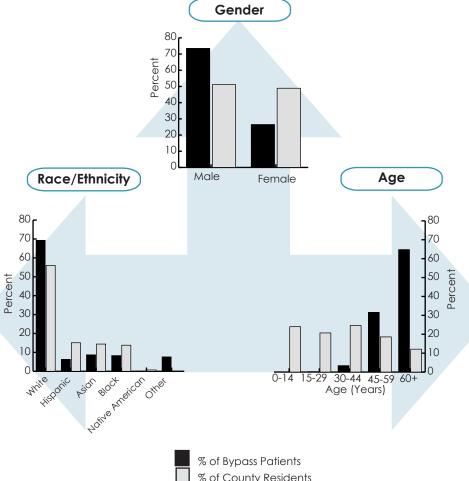
County Trends



		oitalizations ino County	Age-adjusted Rate per 1,000 Pop.
1' 1' 1'	995 996 997 998 999	390 475 436 451 446	1.38 1.62 1.43 1.43 1.38

Patients 1999

Percent of County Cardiac Bypass Patients Compared to the Percent of Total County Population for Each Group

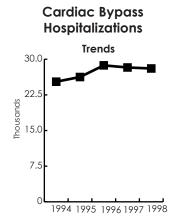


% of County Residents

Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



California



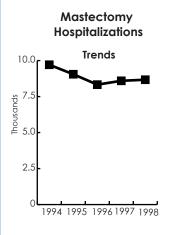
Age-ad	Age-adjusted Rate per 1,000 Pop.		
1994	0.66		
1995	0.67		
1996	0.71		
1997	0.68		
1998	0.66		

Specific Trends

28



California

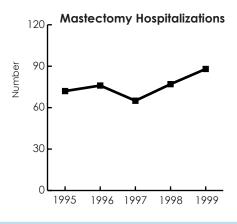


	e-adjusted Rate per 1,000 Pop.
1994	0.27
1995	0.25
1996	0.22
1997	0.22
1998	0.22

MASTECTOMY

(based on principal procedure)

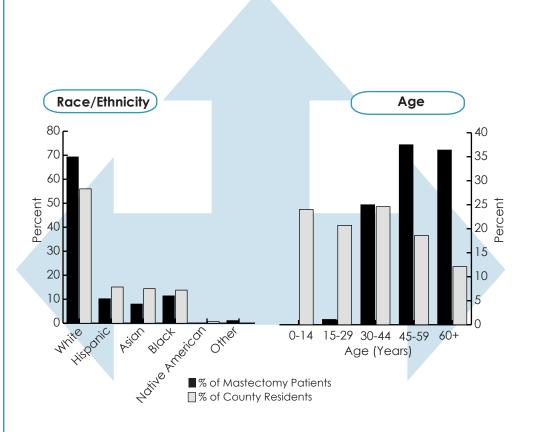
County Trends



	Hospitalizations Solano County	Age-adjusted Rate per 1,000 Pop.
1995	72	0.24
1996	76	0.26
1997	65	0.21
1998	77	0.24
1999	88	0.26

Patients 1999

Percent of County Mastectomy Patients Compared to the Percent of Total County Population for Each Group



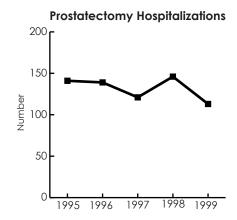
Edition 2, 2001

pecific Trends: Procedures

Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

PROSTATECTOMY (based on principal procedure)

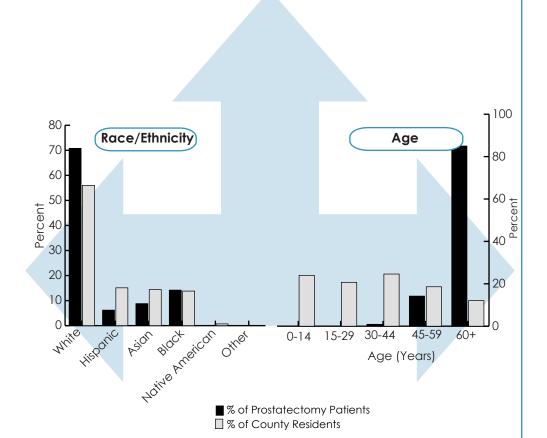
County Trends



	alizations o County	Age-adjusted Rate per 1,000 Pop.
1995 1996 1997 1998 1999	141 139 121 146 113	0.53 0.50 0.42 0.50 0.37

Patient 1999

Percent of County Prostatectomy Patients Compared to the Percent of Total County Population for Each Group

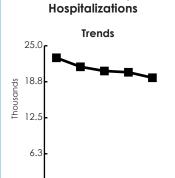


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



California

Prostatectomy

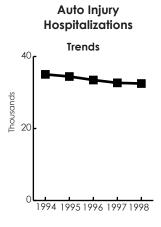


A	ge-adjusted Rate per 1,000 Pop.
1994	0.54
1995	0.50
1996	0.47
1997	0.46
1998	0.43
(

1994 1995 1996 1997 1998



California



	Age-adjusted Rate per 1,000 Pop.		
1994	1.09		
1995	1.06		
1996	1.02		
1997	0.98		
1998	0.96		

AUTO INJURY (based on first event causing hospitalization)

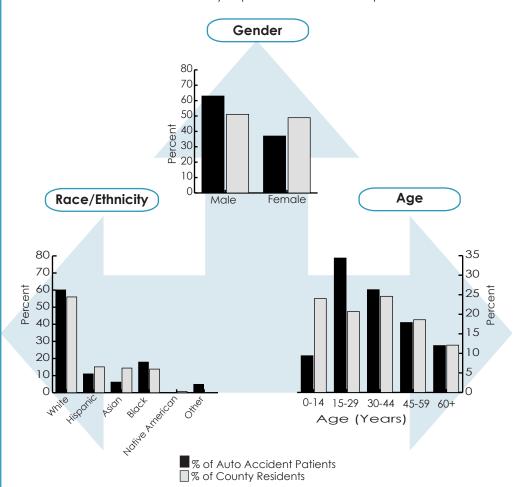
County Trends



	Hospitalizations Solano County	Age-adjusted Rate per 1,000 Pop.
1995	267	0.72
1996	243	0.66
1997	260	0.69
1998	297	0.77
1999	308	0.79

Patients 1999

Percent of County Auto Injury Patients Compared to the Percent of Total County Population for Each Group

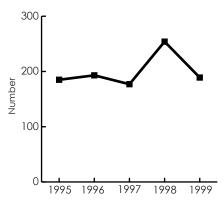


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

DRUG POISONING (based on first event causing hospitalization)

County Trends

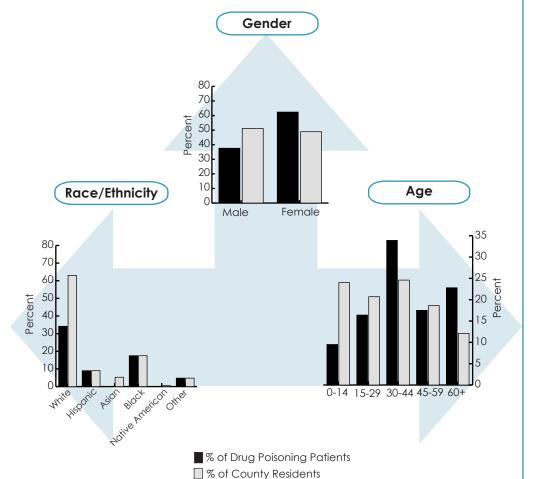
Drug Poisoning Hospitalizations



	Hospitalization Solano County	
199	5 185	0.51
199	6 193	0.54
199	7 177	0.48
199	8 254	0.69
199	9 189	0.51

Patients 1999

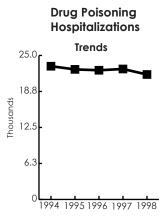
Percent of County Drug Poisoning Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD.Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



California



•	adjusted Rate r 1,000 Pop.
1994	1.24
1995	1.31
1996	1.27
1997	1.16
1998	1.17

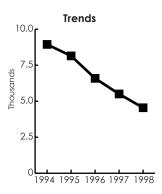
Solano County





California

Gunshot Injury Hospitalizations

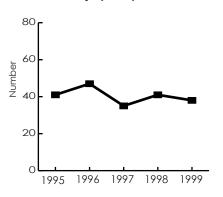


А	_	adjusted Rate 1,000 Pop.
19	94	0.29
19	95	0.26
19	96	0.21
19	97	0.17
19	98	0.14

GUNSHOT INJURIES (based on first event causing hospitalization)

County Trends

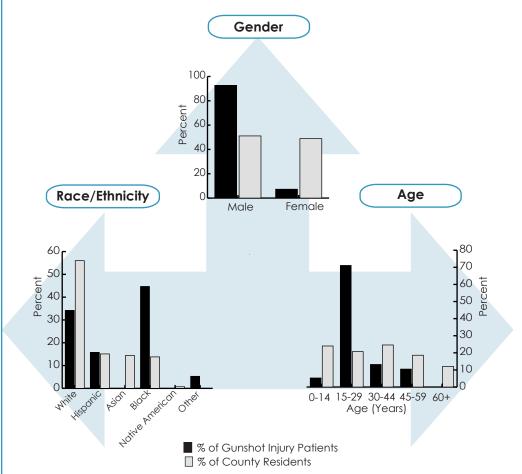
Gunshot Injury Hospitalizations



	Hospitalizations Solano County	Age-adjusted Rate per 1,000 Pop.
1995 1996 1997 1998 1999	47 35	0.10 0.12 0.09 0.10 0.09

Patients 1999

Percent of County Gunshot Injury Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD.Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



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